

Amendments to the Claims

Kindly replace the pending claims with the following listed claims:

Claims 1-35 (cancelled).

36. (currently amended) A method of applying an operation access privilege to at least a logical portion of a logical storage medium in communication with a computer, the method comprising the steps of:

(a) providing an ~~end-user~~operation access privilege indicative of at least one of an enabled operation and/or a restricted operation to be performed on at least one logical portion of a logical storage medium-obviating a need for a reserved portion of said logical storage medium;

(b) associating said operation access privilege with at least one logical portion of said logical storage medium;

(c) ~~applying said access privilege to at least one data identifier~~intercepting in a trap layer an attempted operation on said at least one logical portion identified by at least one data identifier; and

(d) ~~providing a trap layer~~at least one of allowing said attempted operation if matching said enabled operation, and/or denying said attempted operation if matching said restricted operation.

37. (currently amended) The method as defined in claim 36, wherein said at least one logical portion of said logical storage medium comprises at least one of a volume, a partition, a directory, a special file, and/or a file.

38. (previously presented) The method as defined in claim 36, wherein said at least one logical portion of said logical storage medium comprises an entire logical storage medium.

39. (currently amended) The method as defined in claim 36, wherein said at least one data identifier comprises at least one of a file name, a file mask, a special file, and/or a directory.

40. (currently amended) The method as defined in claim 36, wherein said operations comprise at least one of reading, executing, appending, creating new objects, deleting, renaming, moving, overwriting, modifying attributes, and/or modifying data object security.

41. (currently amended) The method as defined in claim 36, further comprising:
(e) applying a plurality of operation access privileges to said at least one data identifier.

42. (currently amended) The method as defined in claim 36, further comprising:
(e) applying a plurality of operation access privileges to said logical portion of said logical storage medium.

43. (currently amended) The method as defined in claim 36, further comprising:

(e) applying said operation access privilege to said logical storage medium wherein said logical storage medium is itself a logical portion of another logical storage medium, and wherein a logical portion of said another logical storage medium is specified by at least one data identifier.

44. (currently amended) The method as defined in claim ~~36~~43, wherein said at least one data identifier comprises a free space portion.

45. (currently amended) The method as defined in claim ~~36~~43, wherein said at least one data identifier comprises newly created data.

46. (currently amended) A system for applying an operation access privilege to at least a logical portion of a logical storage medium in communication with a computer, the system comprising:

providing means for providing an ~~end-user~~operation access privilege indicative of at least one of an enabled operation and/or a restricted operation to be performed on at least a logical portion of a logical storage medium ~~obviating a need for a reserved portion of said logical storage medium~~;

associating means for associating said operation access privilege with at least one logical portion of said logical storage medium;

~~applying means for applying said access privilege to at least one data~~

~~identifier~~interception means for intercepting in a trap layer an attempted operation on said at least one logical portion identified by at least one data identifier; and

at least one of allowing means for allowing said attempted operation if matching said enabled operation, and/or denial means for denying said attempted operation if matching said restricted operation~~providing means for providing a trap layer.~~

47. (currently amended) The system as defined in claim 46, wherein said at least one logical portion of said logical storage medium comprises at least one of a volume, a partition, a directory, a special file, and/or a file.

48. (previously presented) The system as defined in claim 46, wherein said at least one logical portion of said logical storage medium comprises an entire logical storage medium.

49. (currently amended) The system as defined in claim 46, wherein said at least one data identifier comprises at least one of a file name, a file mask, a special file, and/or a directory.

50. (currently amended) The system as defined in claim 46, wherein said operations comprise means for at least one of reading, executing, appending, creating new objects, deleting, renaming, moving, overwriting, modifying attributes, and/or modifying data object security.

51. (currently amended) The system as defined in claim 46, further comprising:

means for applying a plurality of operation access privileges to said at least one data identifier.

52. (currently amended) The system as defined in claim 46, further comprising:
means for applying a plurality of operation access privileges to said portion of said logical storage medium.

53. (currently amended) The system as defined in claim 46, further comprising:
means for applying said operation access privilege to said logical storage medium wherein said logical storage medium is itself a logical portion of another logical storage medium, and wherein a logical portion of said another logical storage medium is specified by at least one data identifier.

54. (previously presented) The system as defined in claim 46, wherein said at least one data identifier comprises a free space portion.

55. (previously presented) The system as defined in claim 46, wherein said at least one data identifier comprises newly created data.

56. (currently amended) A computer program product embodied on a computer readable media wherein the computer program product comprises logic which when executed performs the following method of applying an operation access privilege to at least a logical portion of a logical storage medium in communication with a computer, the method

comprising the steps of:

- (a) providing an ~~end-user~~operation access privilege indicative of at least one of an enabled operation and/or a restricted operation to be performed on at least a logical portion of a logical storage medium~~-obviating a need for a reserved portion of said logical storage medium~~;
- (b) associating said operation access privilege with at least one logical portion of said logical storage medium;
- (c) intercepting in a trap layer an attempted operation on said at least one logical portion identified by at least one data identifier~~applying said access privilege to at least one data identifier~~; and
- (d) at least one of allowing said attempted operation if matching said enabled operation, and/or denying said attempted operation if matching said restricted operation~~providing a trap layer~~.

57. (currently amended) The computer program product as defined in claim 56, wherein said at least one logical portion of said logical storage medium comprises at least one of a volume, a partition, a directory, a special file, and/or a file.

58. (previously presented) The computer program product as defined in claim 56, wherein said at least one logical portion of said logical storage medium comprises an entire logical storage medium.

59. (currently amended) The computer program product as defined in claim 56,

wherein said at least one data identifier comprises at least one of a file name, a file mask, a special file, and/or a directory.

60. (currently amended) The computer program product as defined in claim 56, wherein said operations comprise at least one of reading, executing, appending, creating new objects, deleting, renaming, moving, overwriting, modifying attributes, and/or modifying data object security.

61. (currently amended) The computer program product as defined in claim 56, wherein the method further comprises:

(e) applying a plurality of operation access privileges to said at least one data identifier.

62. (currently amended) The computer program product as defined in claim 56, wherein the method further comprises:

(e) applying a plurality of operation access privileges to said portion of said logical storage medium.

63. (currently amended) The computer program product as defined in claim 56, wherein the method further comprises:

(e) applying said operation access privilege to said logical storage medium wherein said logical storage medium is itself a logical portion of another logical storage

medium, and wherein a logical portion of said another logical storage medium is specified by at least one data identifier.

64. (previously presented) The computer program product as defined in claim 56, wherein said at least one data identifier comprises a free space portion.

65. (previously presented) The computer program product as defined in claim 56, wherein said at least one data identifier comprises newly created data.

66. (new) The method according to claim 36, wherein said operation access privilege comprises a file input/output (I/O) operation access privilege.